

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 101 | stoichiometric near1 deficit | US-PGPUB; USPAT | ADJ | ON | 2009/08/05 11:06 |
| L2 | 1 | I1 and (sputter or sputtering) | US-PGPUB; USPAT | ADJ | ON | 2009/08/05 11:07 |
| L3 | 2 | I1 and (sputter or sputtering) | US-PGPUB; USPAT | ADJ | ON | 2009/08/05 11:07 |
| S1 | 5 | (("6440280") or ("6346176") or ("5849162") or ("6127048") or ("5820946")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/04/17 15:56 |
| S2 | 50 | ("5415756" "4883574" "4581118" "5858471" "6277507" "6284106" "6340416" "6346301" "6376093" "6436252" "6451178" "6451180" "6454920" "6468598" "6572738" "6776882" "6783641" "6814839" "6857433" "6858537" "6878243" "6998331" "7106488" "7235160" "7238631" "7267842" "7307772" "20010006148" "20020070106" "20020142099" "20030038028" "20030062335" "20030141184" "20040007702" "20040011385" "20040089537" "20040149759" "20050003104" "20050029088" "20050136656" "20050202167" "20050260786" "20060006382" "20060151312" "20070008605" | US-PGPUB; USPAT | OR | ON | 2008/04/17 15:57 |

| | | | | | | |
|-----|--------|---|--------------------|-----|----|---------------------|
| | | "20070044716" "20070256926" "20070259132" "5490910" "5272014").pn. | | | | |
| S3 | 38235 | sputter\$ with coat\$3 | US-PGPUB; USPAT | OR | ON | 2008/04/17 16:01 |
| S4 | 21077 | (sputter\$ with coat\$3) with (reactive deposit \$3) | US-PGPUB; USPAT | OR | ON | 2008/04/17 16:02 |
| S5 | 2437 | ((sputter\$ with coat \$3) with (reactive deposit\$3)) and "204". clas. | US-PGPUB; USPAT | OR | ON | 2008/04/17 16:02 |
| S6 | 0 | ep-0719874-\$ did. | EPO | ADJ | ON | 2008/06/05 12:57 |
| S7 | 1 | ep-719874-\$ did. | EPO | ADJ | ON | 2008/06/05 12:57 |
| S8 | 10775 | reactive near1 (sputter or sputtering) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:04 |
| S9 | 10400 | S8 and (oxygen or oxide or ".o.sub.2" or nitrogen or nitride or ".n.sub.2") | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:05 |
| S10 | 1829 | S9 and stoichiometr\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:05 |
| S11 | 97247 | S10 and (tantalum or ta) and (silicon or Si) or (niobium or Nb) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:06 |
| S12 | 506 | S11 and (optical near1 (monitor or detector)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:07 |
| S13 | 288 | S12 and (predetermined or pre- determined) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:08 |
| S14 | 157 | S12 and (predetermined or pre- determined) | USPAT | ADJ | ON | 2008/06/05 13:08 |
| S15 | 340609 | S13 and "204".clas. or "428".clas. or "427". clas. or "118".clas. or "205".clas. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:10 |
| S16 | 38 | S13 and ("204".clas. or "428".clas. or "427". clas. or "118".clas. or "205".clas.) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:11 |

| | | | | | | |
|-----|------|--|------------------------|-----|----|------------------|
| S17 | 1043 | S10 and ((tantalum or ta) and (silicon or Si) or (niobium or Nb)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:11 |
| S18 | 18 | S17 and (optical near1 (monitor or detector)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 13:12 |
| S19 | 18 | ("4065600" "4166783" "4311725" "4407709" "5126028" "5169509" "5292417" "5354575" "5423970" "5525199" "5556520" "5579162" "5607559" "5618575" "5665214" "5772861").PN. OR ("6217720").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/05 14:12 |
| S20 | 293 | plasma and monitor and (reactive near1 deposition) | US-PGPUB; USPAT | ADJ | ON | 2009/03/03 12:21 |
| S21 | 538 | plasma and (monitor or monitored or monitoring or detect or detecting) and (reactive near1 deposition) | US-PGPUB; USPAT | ADJ | ON | 2009/03/03 12:22 |
| S22 | 79 | plasma and (monitor or monitored or monitoring or detect or detecting) and (reactive near1 deposition) and stoichio\$5 | US-PGPUB; USPAT | ADJ | ON | 2009/03/03 12:22 |

EAST Search History (Interference)

< This search history is empty >

8/5/2009 11:07:54 AM

C:\Documents and Settings\mband\My Documents\EAST\Workspaces\10537224.wsp